

标题: TJC20041 系列连接器

Title: TJC20041 Connector

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	<b>审核 Check:</b> <u>王国英 2022. 9. 14</u>	<b>编号 Document No.:</b> <u>PS4120</u>
	<b>批准 Approval:</b> <u>刘冬旭 2022. 9. 14</u>	<b>版本 Revision:</b> <u>V3</u>



# 产品规格书

## PRODUCT SPECIFICATION

### 1.更改履历 Change record

版本号 Version No.	更改前描述 Description before modification	更改后描述 Description after modification	更改人/日期 Reviser/Date
V0	/	初版发行 First release	路欢 2021/09/14
V1	/	Update integration test requirements	路欢 2021/10/19
V2	/	Update specifications and part no according to new naming specifications	杨培 2022/03/12
V3	/	导线名称更新, 版本更新 Wire name updated, version updated	尹恒 Heng.Yin 2022.9.14

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### 2.适用范围 Scope

本产品规格书适用于浙江合兴电子元件有限公司生产的 WTB 2.0 阴型 & 阳型电子连接器，产品名称：TJC20041 系列连接器。

This product specification covers the requirement for wire to board 2.0mm pitch Receptacle & Plug connector, which are designed and manufactured by CWB Electronics(ZheJiang) Co.,LTD. P/N: TJC20041 Connector.

### 3.产品描述 Product description

TJC20041 系列产品为家电连接器产品，产品部件组成如下：

The TJC20041 series connector designed for home appliances connection. part checklist as following form:

Part name	Part No.	Previous part No.	Description
插簧 Contact	CH-TJC20041-**-*	CH-TJC20080	AWG#26~AWG#22
孔座 Housing	TJC20041-nY(**-*)	TJC20080-nY	PA66 UL94V-0
阴连接器(IDC)	TJC20041-nYI(**-*)	TJC20041-nY	PBT-GF UL94V-0 Contact: Phosphor Bronze ,tin Plated
阳连接器（立式，直插） Header (V, DIP)	TJC20041-nA(**-*)	TJC20027-nA	Wafer:PA66 UL94V-0 Post: Brass, tin plated
阳连接器（立式，直插，含小弯） Header (V, DIP, W/kink)	TJC20041-nAK(**-*)	TJC20027-nA-1	Wafer:PA66 UL94V-0 Post: Brass, tin plated
阳连接器（立式，表面装贴） Header (V, SMT,)	TJC20041-nAB(**-*)	TJC20045-nAW	Wafer: PA4T+GF UL94V-0 Post: Brass, tin plated
中继连接器 Relay	TJC20041-nRP(**-*)	TJC20047-nA	Wafer:PA66 UL94V-0 Post: Brass, tin plated
阳连接器（立式，穿孔回流） Header (V, PIP)	TJC20041-nAC(**-*)	TJC20052-nA	Wafer:PA4T+GF UL94V-0 Post: Brass, tin plated
阳连接器（卧式，直插，带挡板，含小弯） Header (H, DIP, W/PCB stabilizer, W/kink)	TJC20041-nAWJK(**-*)	TJC20027-nAWJ	Wafer:PA66 UL94V-0 Post: Brass, tin plated
阳连接器（卧式，直插，带挡板，含小弯） Header (H, DIP, W/PCB stabilizer, W/kink)	TJC20041B-nAWJK(**-*)	TJC20035-nAW	Wafer:PA66 UL94V-0 Post: Brass, tin plated

### 4.相关标准 Related standards

以下参考文件是本规格书的一个组成部份。若本规格书中的要求与产品图纸发生冲突，以产品图中的要求为优先；若本规格书中的要求与参考文件中的要求冲突，以本规格书要求为优先。

The following documents form a part of this specification. In the event of conflict between the requirements of this specification and the product drawing, the product drawing shall take precedence. In the event of conflict between the requirements of this specification and the referenced documents, this specification shall take precedence.

GB/T 2421 环境试验 概述和指南

Environmental testing —— General and guidance

GB/T 2423 环境试验 试验方法

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	Environmental testing —— Test methods
GB/T 2424	环境试验 支持文件及导则
	Environmental testing —— Supporting documentation and guidance
GB/T 5095	电子设备用机电元件基本试验规程及测量方法
	Electromrchanical components for electronic equipment Basic testing procedures and measuring methods
EIA-364	EIA-364 系列标准
	EIA-364 series standards
IPC EIA IPC JEDEC J STD 002E	连接器 / 插座终端可焊性测试方法
	Solderabilith Tests for Component Leads, Terminations, Lugs, Terminals and Wires

产品符合 RoHS 标准。

The product should comply with RoHS.

### 5. 参数范围 Parameter ratings:

额定电流 [AC(有效值)/DC] Rated current [AC(rms)/DC]	3 A Max.	
适用 PCB 板 Applicable PCB	Board thickness:0.8mm-1.6mm Hole diameter: $\phi$ 0.8(+0.1/-0)mm Panel Thickness: 0.8~1.6mm(To be used for post header assembly relay)	
额定电压[AC(有效值)/DC] Rated voltage [AC(rms)/DC]	125V	
使用温度范围 (包含温升) Operating temperature range (include temperature rise)	-25°C ~+105°C	
适用线型 (具体适用线型请参考压接规格书) Applicable wires(Please refer to the crimping specification for details)	Crimp Conn.	Wire size: AWG#26~AWG#22(0.14mm $\pm$ 0.34 mm ) Insulation diameter: $\phi$ 1.3mm- $\phi$ 1.6mm
	IDC Conn.	Wire size: AWG#28~AWG#26(0.08mm $\pm$ 0.14 mm ) Recommended UL Grade: UL 1061, UL 1571 Insulation diameter: $\phi$ 0.83mm- $\phi$ 1.0mm

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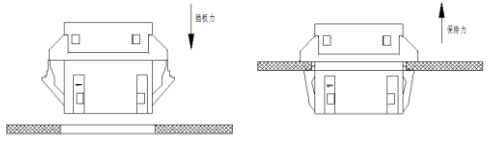
### 6. 产品性能 Performance

#### 6.1 机械性能 Mechanical

序号 No.	项 目 Item	测试条件 Test condition	规 格 Requirement	
6.1.1	外观 Appearance	目测 Checking by eyes 视力: 1.0 以上 Eyesight: > 1.0 照明: (200~300) lx Lamp: (200~300) lx 目测距离: (0.3~0.5) m Space: (0.3~0.5) m <b>GB/T 5095.2 Method 1a</b>	1. 塑料件表面应无明显疤痕、凹陷、开裂及影响使用的变形。 Plastic part: smooth and flat surface without discolor, broken, crack, and distortion, etc. 2. 金属件表面无锈蚀、氧化、无明显的机械损伤及电镀层脱落等缺陷。 Metal part: bright and even surface without rust, oxide, fog and obvious physical damage, etc.	
6.1.2	端子插入力与 固定力 Insertion force and retention force for contact	应测量将端子沿轴线方向插入孔座和拔出孔座的力, 测试速度不大于25 mm/min。 The force of inserting and pulling the contact into and out of the housing along the axis shall be measured (Testing speed: <25 mm/min.) <b>GB/T 5095.8 Method 15d / EIA-364-29B</b>	插入力 (最大值) Insertion force (Max.)	固定力 (不带锁紧片测试) (最小值) Retention force (Test without locking plate) (Min.)
			14.7N	14.7N
6.1.3	插簧与插针的 插拔力 Insertion and withdrawal force for pin in the contact	固定连接器和/或测力计, 在端子轴线方向将插针插入和拔出插簧, 测试速度不大于 25 mm/min。 Insert the pin contact into and pull out the socket contact in the direction of the terminal axis (Testing speed: <25 mm/min.) <b>GB/T 5095.7 Method 13b / EIA-364-13B</b>	插入力 (最大值) Insertion force (Max.)	拔出力 (最小值) Withdrawal force (Min.)
			10N	0.784N
6.1.4	针的固定力 Post retention force	沿插针轴线方向施加推力, 测量将插针从塑件上分离的力, 测试速度不大于 25 mm/min。 The end of a post shall be pushed in a direction perpendicular to a wafer. The load required to make the post start moving from the wafer shall be measured. (Testing speed: <25 mm/min.) <b>GB/T 5095.8 Method 15a / EIA-364-29B</b>	对 SMT 形式固定力: 7.84N Min For SMT type: 7.84N Min 对其他形式固定力: 14.7N Min For other type: 14.7N Min	

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6.1.5	压着部位抗张强度 Crimp tensile strength	<p>在已压接端子的头部和导线上施加拉力，并测量将导线从端子拉出或导线断裂所需的力，测试速度不大于 25 mm/min.。</p> <p>Pulling load shall be applied to a correctly crimped contact and a wire. The load required to pull the wire out of the contact or break the wire shall be measured. (Testing speed: &lt;25 mm/min.)</p> <p><b>GB/T5095.8 Method 16d / EIA-364-08B</b></p>	<p>压着式连接器 Crimp Conn. AWG#26: 20N Min. AWG#24:30N Min. AWG#22: 49N Min.</p> <p>刺破式连接器 IDC Conn. AWG#28 水平张力 Horizontal tension:14.7N 垂直张力 Vertical tension :11.8N AWG#26 水平张力 Horizontal tension: 14.7N 垂直张力 Vertical tension : 11.8N</p>																							
6.1.6	成品插入力与拔出力 Insertion force and withdrawal force	<p>将装有已压接端子的孔座/IDC阴连接器与阳连接器做插入和拔出，测量首次插入力、首次拔出力及第30次拔出力，测试速度不大于25 mm/min。</p> <p>A housing with crimped/IDC contacts and a header shall be mated and unmated on the mating axis. Initial insertion and withdrawal forces and withdrawal force at 30th shall be measured. (Testing speed: &lt;25 mm/min.)</p> <p><b>GB/T 5095.7 Method 13b / EIA-364-13B</b></p> <div data-bbox="459 869 829 1075" data-label="Diagram"> </div>	<p style="text-align: center;">Header(Relay Non-Lock Side)</p> <table border="1" data-bbox="901 645 1495 1122"> <thead> <tr> <th rowspan="2">极数 No. of poles</th> <th>插入力（最大值） Insertion (Max.)</th> <th colspan="2">拔出力（最小值） Withdrawal (Min.)</th> </tr> <tr> <th>初次 1st.</th> <th>初次 1st.</th> <th>第三十次 30st.</th> </tr> </thead> <tbody> <tr> <td>2~4P</td> <td>34.3N</td> <td>4.9N</td> <td>4.9N</td> </tr> <tr> <td>5~7P</td> <td>49N</td> <td>6.9N</td> <td>6.9N</td> </tr> <tr> <td>8~10P</td> <td>63.7N</td> <td>9.8N</td> <td>9.8N</td> </tr> <tr> <td>11~15P</td> <td>73.5N</td> <td>13.7N</td> <td>13.7N</td> </tr> </tbody> </table> <div data-bbox="1077 1153 1340 1377" data-label="Diagram"> </div>	极数 No. of poles	插入力（最大值） Insertion (Max.)	拔出力（最小值） Withdrawal (Min.)		初次 1st.	初次 1st.	第三十次 30st.	2~4P	34.3N	4.9N	4.9N	5~7P	49N	6.9N	6.9N	8~10P	63.7N	9.8N	9.8N	11~15P	73.5N	13.7N	13.7N
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8~10P	63.7N	9.8N	9.8N																							
11~15P	73.5N	13.7N	13.7N																							
6.1.7	机械振动 Vibration	<p>插合连接器，串联在直流电源上，电流100 mA；并模拟正常工作状态：振频为（10~55~10） Hz，每个循环时间为1分钟，振幅1.52 mm。沿XYZ三轴正反方向各循环2小时。</p> <p>Mate connectors subjected them to following vibration conditions, for a period of 2 hours in each of 3 mutually perpendicular axes, 100 mA current shall be applied.</p> <p>Frequency: (10~55~10) Hz/min. Cycling time: 1min. Amplitude: 1.52 mm.</p> <p><b>GB/T 5095.4 Method 6d / EIA-364-28D</b></p>	<p>外观：无损伤（参照6.1.1） Appearance: no damage.( refer to 6.1.1)</p> <p>接触电阻：20mΩ Max. Contact resistance: 20mΩ Max.</p> <p>电流中断时间：1μsec Max Current interruption: 1μsec Max</p>																							

6.1.8	机械冲击 Shock	<p>连接器相配, 沿XYZ三轴正反方向各冲击3次(总共18次), 在测试过程中通以100 mA电流。 冲击强度: 490 m/s<sup>2</sup> 持续时间: 11 ms Mate connectors and subject them to the following shock conditions, 3 times of shock shall be applied for each 6 directions along 3 mutually perpendicular axes, passing DC 100mA current during the test.(total of 18 shocks) Test pulse: 490 m/s<sup>2</sup> Duration: 11 ms <b>GB/T 5095.4 Method 6c / EIA-364-27B</b></p>	<p>外观: 无损伤(参照6.1.1) Appearance: no damage.( refer to 6.1.1) 电流中断时间: 1μsec Max Current interruption: 1μsec Max</p>
6.1.9	机械寿命 Durability	<p>以每分钟 10 次的速度插拔 50 次。 50 cycles for mating and unmating test at the speed of 10 cycles per minute <b>GB/T 5095.5 Method 9a / EIA-364-09C</b></p>	<p>外观: 无损伤(参照6.1.1) Appearance: no damage.( refer to 6.1.1) 接触电阻: 20mΩ Max. Contact resistance: 20mΩ Max.</p>
6.1.10	中继连接器插板力及保持力 Panel Retention/Mounting force(Relay)	<p>用CWB推荐的PCB板安装尺寸, 将中继连接器沿着轴向插入面板中的力为插板力; 沿着轴向将中继连接从面板中拔出的力为保持力(速度不大于25mm/min.) By using CWB recommended PCB mounting size, insert the trunk connector into the panel along the axis as the Retention force; The force pulling the trunk connection out of the panel along the axis is the Mounting force (Testing speed: &lt;25 mm/min.) <b>GB/T 5095.8 Method 15a / EIA-364-29B</b></p> 	<p>插板力: 49N Max 保持力: 83.3N Min Panel Retention force: 49N Max Panel Mounting force: 83.3N Min</p>

## 6.2 电气性能 Electrical

序号 No.	项目 Item	测试条件 Test condition	规格 Requirement
6.2.1	接触电阻 Contact resistance	<p>插配阴阳连接器后,用小功率电路进行测试。 Mate connectors with dry circuit to test contact resistance <b>GB/T 5095.2 Method 2a / EIA-364-23B</b></p>	<p>10mΩ Max. (Initial) 20mΩ Max. (Final)</p>
6.2.2	绝缘电阻 Insulation resistance	<p>在相邻接触件之间或地线之间,用 500 V DC 电压进行测试。 Apply a voltage of 500 V DC between adjacent contacts and between contacts to ground. <b>GB/T 5095.2 Method 3a / EIA-364-21C</b></p>	<p>1000 MΩ Min. ( Initial) 500 MΩ Min. (Final)</p>
6.2.3	耐电压 Withstand voltage	<p>相邻接触件之间或地线之间施加 1000 V AC (有效值),漏电流 1 mA 的电压作用,时间 1min.。 Apply a voltage of 1000 V AC (rms) and leakage current of 1 mA between adjacent contacts or ground cables for 1 minute. <b>GB/T 5095.2 Method 4a / EIA-364-20B</b></p>	<p>外观: 无击穿和飞弧现象 Appearance: no breakdown or flashover</p>
6.2.4	温升 Temperature rise	<p>插合连接器(需焊接 PCB 板), 通以最大允许电流, 测温度的差值。 Mate connectors and measure the temperature rise of contact when the maximum AC rated current is passed(Welding PCB) <b>GB/T 5095.3 Method 5a / EIA-364-70A</b></p>	<p>Δ30℃ Max.</p>

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### 6.3 环境性能 Environmental

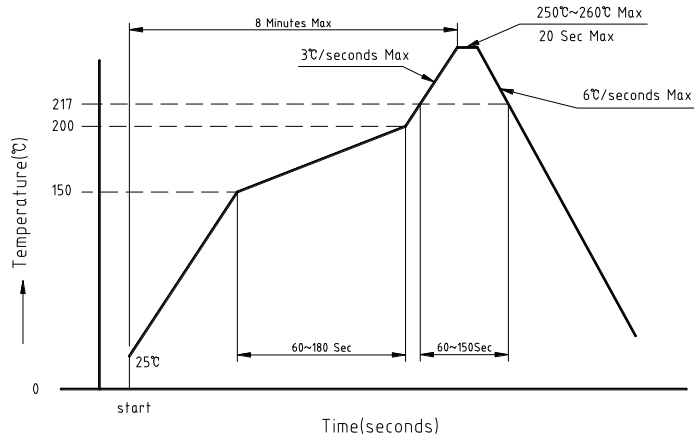
序号 No.	项 目 Item	测试条件 Test condition	规 格 Requirement										
6.3.1	耐高温 Heat resistance	连接器配合后, 于 (85±2) °C 的空气中放置 96 小时, 再回到室温中放置 (1~2) 小时测定 Mated connectors exposed to the condition of (85±2)°C for 96hours, recovery time (1~2) hours <b>GB/T 5095.6 Method 11i / EIA-364-17B</b>	外观: 无损伤 (参照6.1.1) Appearance: no damage.( refer to 6.1.1) 接触电阻: 20mΩ Max. Contact resistance: 20mΩ Max.										
6.3.2	耐低温 Cold resistance	连接器配合后, 于 (-25±2) °C 的空气中放置 48 小时, 再回到室温中放置 (1~2) 小时测定 Mated connectors exposed to the condition of (-25±2)°C for 48hours, recovery time (1~2) hours <b>GB/T 5095.6 Method 11j / EIA-364-17B</b>	外观: 无损伤 (参照6.1.1) Appearance: no damage.( refer to 6.1.1) 接触电阻: 20mΩ Max.										
6.3.3	恒定湿热 Humidity	温度(40±2) °C, 相对湿度(90~95) %, 搁置时间 240 小时, 取出恢复 (1~2) 小时后检查。 Mated connectors exposed to the condition of temperature (40±2) °C, humidity (90~95) % for 240 hours, recovery time (1~2) hours <b>GB/T 5095.6 Method 11c / EIA-364-31B</b>	外观: 无损伤 (参照6.1.1) Appearance: no damage.( refer to 6.1.1) 接触电阻: 20mΩ Max. Contact resistance: 20mΩ Max. 绝缘电阻: 500 MΩ Min. Insulation resistance: 500 MΩ Min. 耐电压: 1000 V Min. Withstand voltage: 1000 V Min.										
6.3.4	温度循环 Temperature cycling	把试验样品分别放入高、低温试验箱中, 按下列步骤调温度: a) 在(-55±2) °C 的恒温条件下放置 0.5 小时; b) 在(85±2) °C 的恒温条件下放置 0.5 小时; 从 a)到 b)为一个循环, 周期温度转换时间应不大于 5 分钟, 共进行 25 个循环,恢复 (1~2) 小时后检查。 Mated connectors shall be tested under the following conditions <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Temperature °C</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>1 -55±2</td> <td>0.5 h</td> </tr> <tr> <td>2 Room Temp.</td> <td>5 minutes Max.</td> </tr> <tr> <td>3 +85±2</td> <td>0.5 h</td> </tr> <tr> <td>4 Room Temp.</td> <td>5 minutes Max.</td> </tr> </tbody> </table> Step 1 to 4 is one cycle,25 cycles shall be tested, recovery time (1~2) hours <b>GB/T 5095.6 method 11d / EIA-364-32C</b>	Temperature °C	Duration	1 -55±2	0.5 h	2 Room Temp.	5 minutes Max.	3 +85±2	0.5 h	4 Room Temp.	5 minutes Max.	外观: 无损伤 (参照6.1.1) Appearance: no damage.( refer to 6.1.1) 接触电阻: 20mΩ Max. Contact resistance: 20mΩ Max. 绝缘电阻: 500 MΩ Min. Insulation resistance: 500 MΩ Min. 耐电压: 1000 V Min. Withstand voltage: 1000 V Min.
Temperature °C	Duration												
1 -55±2	0.5 h												
2 Room Temp.	5 minutes Max.												
3 +85±2	0.5 h												
4 Room Temp.	5 minutes Max.												
6.3.5	盐雾 Salt spray	把试验样品从试验箱顶悬挂下来, 采用浓度为(5±1) % (质量百分比)的氯化钠溶液, 在(35±2) °C 温度下连续雾化 48 小时, 试验后用流动的蒸馏水轻轻洗去表面沉积物。在常温常湿条件下恢复 (1~2) 小时。 48 hours spray, at temp (35±2) °C, NaCl mist concentration (5±1) %. After test wash parts and put it into room ambient for (1~2) hours <b>GB/T 5095.6 Method 11f / EIA-364-26B</b>	外观: 无损伤 (五金件应无露出底金属的严重锈蚀;使用预镀好的型材, 其落料面允许有不影响其性能的轻微腐蚀。) Appearance: no damage (no erosion on material exposed. and plating material, slight erosion on the cutting surface is acceptable) 接触电阻: 20mΩ Max. Contact resistance: 20mΩ Max.										
6.3.6	可焊性 Solderability	把试验样品需要焊接的部位浸入焊锡炉中, 锡炉温度 (245±5) °C, 时间 (4~5) 秒。 Dip solder tails into the molten solder held at (245±5) °C for (4~5) seconds <b>IPC EIA IPC JEDEC J STD 002E</b>	上锡率≥90%: Solder coverage: ≥90%										

产品名称 Product name	TJC20041 系列连接器	编号 Document No.	PS4120	版本号 Version No.	V3
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6.3.7	耐焊接热 Resistance to soldering heat	耐波峰焊热: 把试验样品需要焊接的部位浸入焊锡炉中, 锡炉温度 (260±5) °C; 时间 (5±1) 秒后, 在正常条件下恢复 (1~2) 小时 Resistance to wave soldering heat: Dip solder tails into the molten solder held at (260±5) °C for (5 ±1) seconds, recovery time (1~2) hours	外观: 无损伤 (参照6.1.1) Appearance: no damage.( refer to 6.1.1)
		手工焊接: 温度 (350±10) °C, 时间(1~2) seconds Manual soldering: (350±10)°C for (1~2) seconds	
		回流焊形式(适合 SMT 类产品): 按下图的条件测试耐焊接热 Reflow type: The specimen shall be tested resistance, to soldering heat in the following conditions.	

Recommended IR Reflow Temperature Profile:  
1 Using Lead-Free Solder Paste



回流焊曲线图

产品名称 Product name	TJC20041 系列连接器	编号 Document No.	PS4120	版本号 Version No.	V3
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# 产品规格书

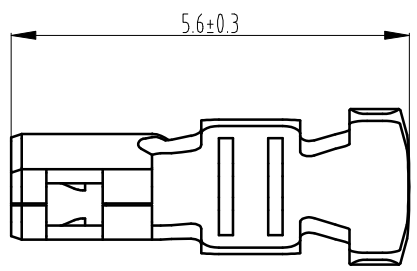
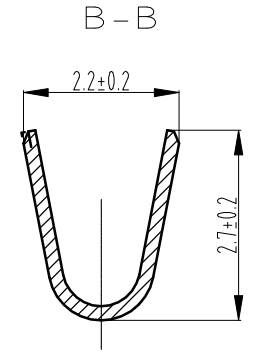
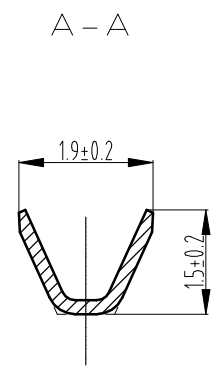
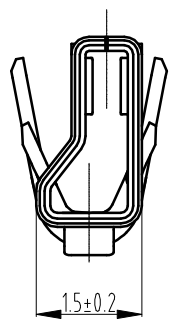
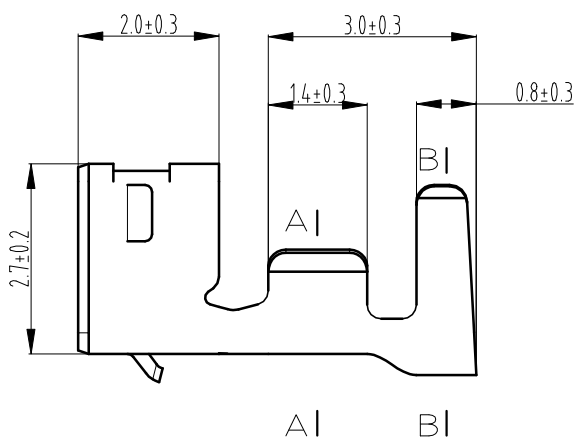
## PRODUCT SPECIFICATION

### 7.测试分组 Test sequences

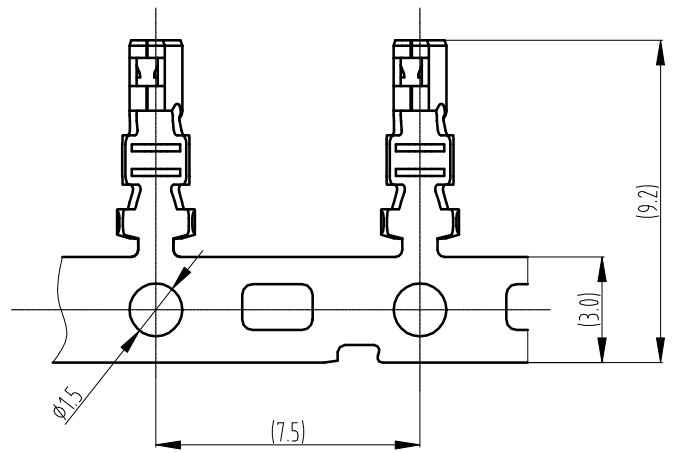
测试组 Group number	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
数量 Quantity	10	10	10	10	3	3	3	3	3	3	3	3	3	3	3	3
外观 Appearance	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
端子的插入力与固定力 Insertion force and retention force for contact	2															
插簧与插针的插拔力 Insertion and withdrawal force for pin in the contact		2														
针的固定力 Post retention force			2													
压着部位抗张强度 Crimp tensile strength				2												
成品插入力与拔出力 Insertion force and withdrawal force					2											
机械振动 Vibration						2										
机械冲击 Shock							2									
机械寿命 Durability								2								
接触电阻 Low level contact resistance						3	3	3		3	3	3	3	3		
绝缘电阻 Insulation resistance												4	4			
耐电压 Withstand voltage																
温升 Temperature rise									2							
耐高温 Heat resistance										2						
耐低温 Cold resistance											2					
温度循环 Temperature cycling													2			
恒定湿热 Humidity												2				
盐雾 Salt spray														2		
可焊性 Solderability																2
耐焊接热 Resistance to soldering heat																2

产品名称 Product name	TJC20041 系列连接器	编号 Document No.	PS4120	版本号 Version No.	V3
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General Tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13					
	3~18	±0.23					
	18~50	±0.35					
	≥50	±0.55					



Contact view  
1:2

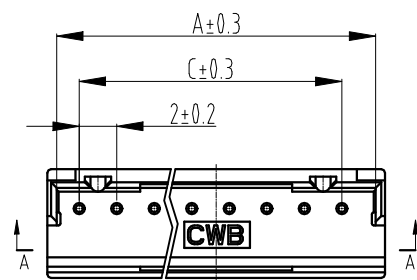
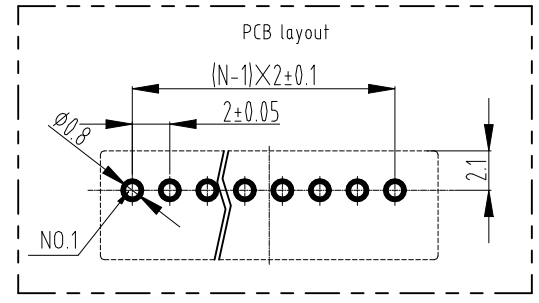
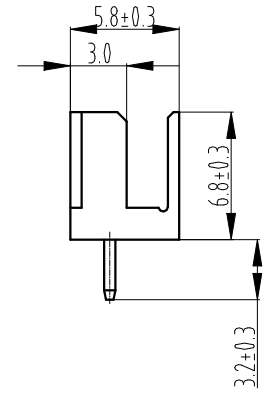
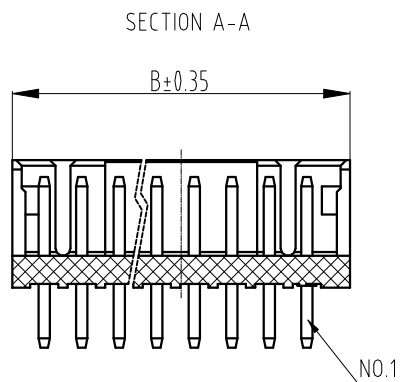


Notes:

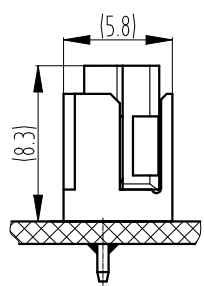
1. Material: Phosphor bronze, thickness=0.2mm
2. Surface finish: tin plated
3. Matched housing: TJC20041-nY
4. Conductor size: AWG#26 ~ AWG#22 (0.13mm<sup>2</sup>~0.33mm<sup>2</sup>)
5. Packaging: Paper disc
6. Compliant to the current RoHS

CUSTOMER DRAWING						Title:	
Drawn	Pei Yang 2022.3.10	Unit	Scale	Size	Edition	2.0mm Pitch W/B Conn. for contact	
Checked	GuoYing Wang 2022.3.10	mm	10:1	A4	A1	Part No.: CH-TJC20041-**	
		Sheet No.		1 of 1		Previous part No.: CH-TJC20080	
Approved	Dongxu Liu 2022.3.10	<b>CWB</b>				Document No.: CP-DWG-01267	
						Specification No.: PS4120	

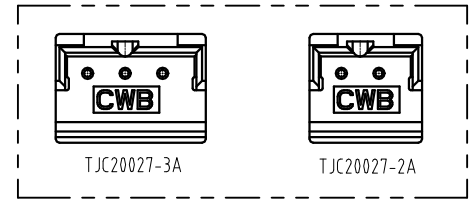
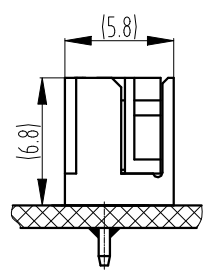
General Tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13					
	3~18	±0.23					
	18~50	±0.35					
	≥50	±0.55					



Assembly view  
(TJC20041-nA&TJC20041-nY)  
(FYI)



Assembly view  
(TJC20041-nA&TJC20041-nY)  
(FYI)



8	TJC20041-8A	TJC20027-8A	17.0	18.0	14.0
7	TJC20041-7A	TJC20027-7A	15.0	16.0	12.0
6	TJC20041-6A	TJC20027-6A	13.0	14.0	10.0
5	TJC20041-5A	TJC20027-5A	11.0	12.0	8.0
4	TJC20041-4A	TJC20027-4A	9.0	10.0	6.0
3	TJC20041-3A	TJC20027-3A	7.0	8.0	4.0
2	TJC20041-2A	TJC20027-2A	5.0	6.0	2.0
Ckts(n)	Part No.	Previous part No	A	B	C
			Dimensions		

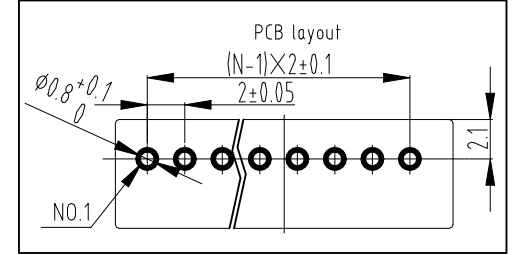
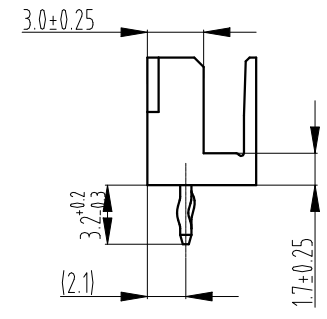
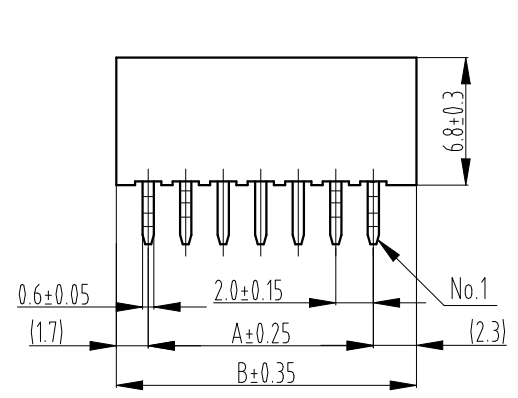
Notes:

- Material:  
Wafer: PA66 UL94V-0  
Post: brass, tin plated
- Matched housing: TJC20041-nY/TJC20041-nYI
- Packaging: Packing bag
- Compliant to the current RoHS

CUSTOMER DRAWING						Title: 2.0mm Pitch W/B Conn. for header	
Drawn	Pei Yang 2022.03.10	Unit	Scale	Size	Edition	Part No.: TJC20041-nA (**-*)	
Checked	Guoying Wang 2022.03.10	mm	2.5:1	A4	B2	Previous part No.: TJC20027-nA	
Approved	Dongxu Liu 2022.3.10	Sheet No.		1 Of 1		Document No.: CP-DWG-01262	
<b>CWB</b>						Specification No.: PS4120	

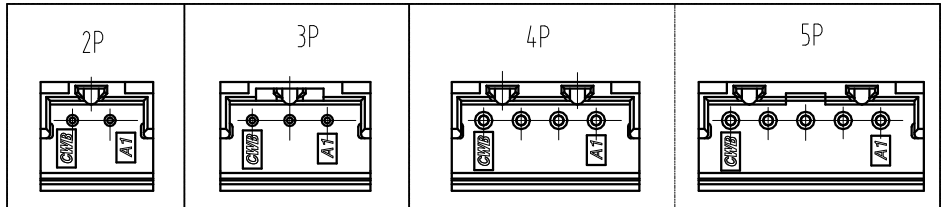
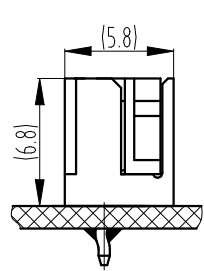
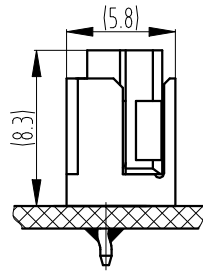
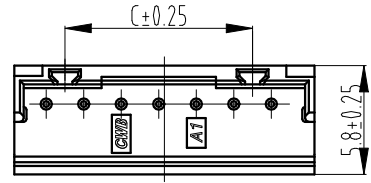
General Tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13					
	3~18	±0.23					
	18~50	±0.35					
	≥50	±0.55					

6~15 Pin



Assembly view  
(TJC20041-nAK&TJC20041-nYI)  
(FYI)

Assembly view  
(TJC20027-nAK&TJC20041-nYI)  
(FYI)



15	TJC20041-15AK	TJC20027-15A-1	28.0	32	26.0
14	TJC20041-14AK	TJC20027-14A-1	26.0	30	24.0
13	TJC20041-13AK	TJC20027-13A-1	24.0	28	22.0
12	TJC20041-12AK	TJC20027-12A-1	22.0	26	20.0
11	TJC20041-11AK	TJC20027-11A-1	20.0	24	18.0
10	TJC20041-10AK	TJC20027-10A-1	18.0	22	16.0
9	TJC20041-9AK	TJC20027-9A-1	16.0	20	14.0
8	TJC20041-8AK	TJC20027-8A-1	14.0	18	12.0
7	TJC20041-7AK	TJC20027-7A-1	12.0	16	10.0
6	TJC20041-6AK	TJC20027-6A-1	10.0	14	8.0
5	TJC20041-5AK	TJC20027-5A-1	8.0	12	6.0
4	TJC20041-4AK	TJC20027-4A-1	6.0	10	4.0
3	TJC20041-3AK	TJC20027-3A-1	4.0	8	/
2	TJC20041-2AK	TJC20027-2A-1	2.0	6	/
Ckts(n)	Part No.	Previous part No.	Dimension		
			A	B	C

Notes:

1.Material:

Wafer: PA66 UL94V-0

Post: brass, tin plated

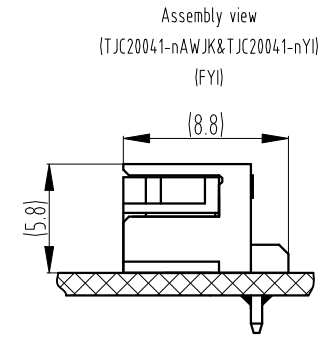
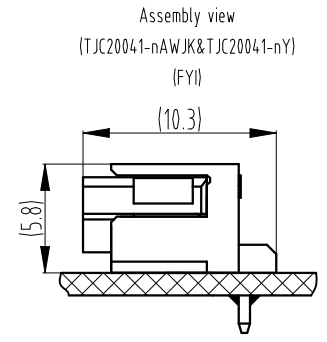
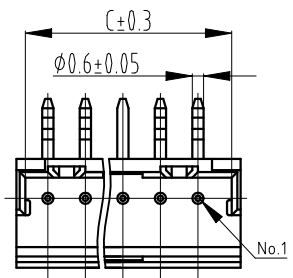
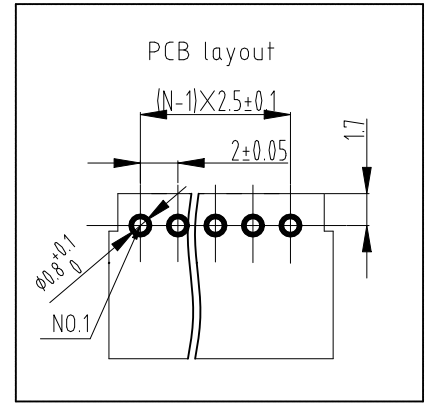
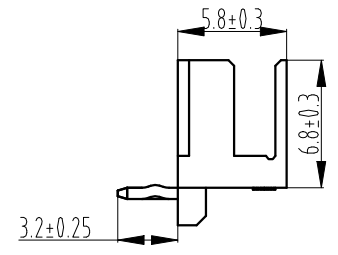
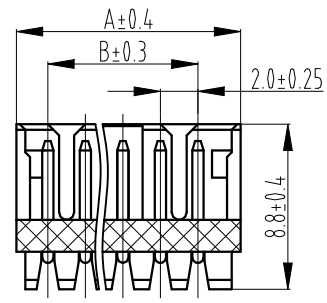
2.Matched housing: TJC20041-nY/TJC20041-nYI

3.Packaging: Packing bag

4.Compliant to the current RoHS

CUSTOMER DRAWING						Title: 2.0mm Pitch W/B Conn. for header		
Drawn	Pei Yang 2022.03.10	Unit	Scale	Size	Edition	Part No.:TJC20041-nAK(*-*-*)		
Checked	Guoying Wang 2022.03.10	mm	2.5:1	A4	B1	Previous part No.: TJC20027-nA-1		
		Sheet No.		1 Of 1		Document No.: CP-DWG-01263		
Approved	Dongxu-Liu 2022.03.10	<b>CWB</b>				Specification No.: PS4120		

General Tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
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	3~18	±0.23					
	18~50	±0.35					
	≥50	±0.55					



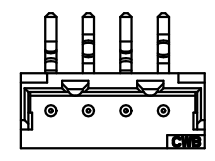
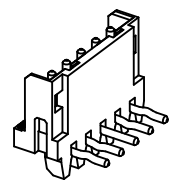
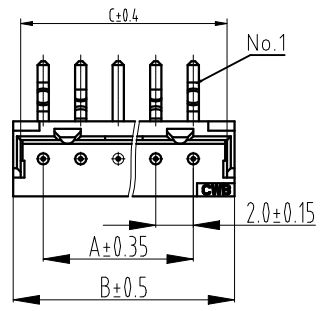
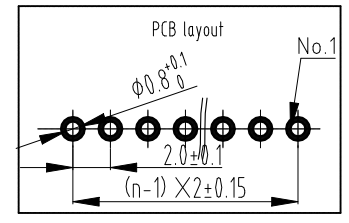
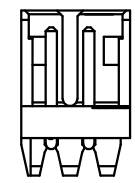
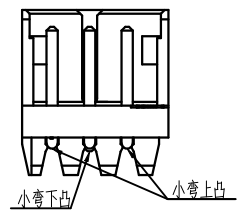
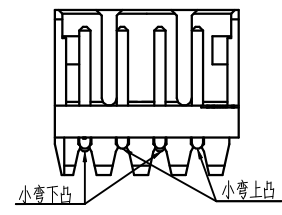
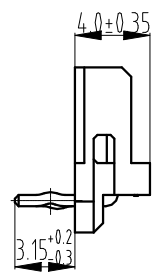
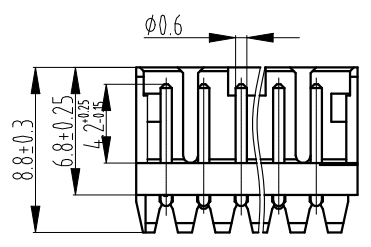
Notes:

- 1.Material:  
Wafer: PA66 UL94V-0  
Post: brass, tin plated
- 2.Matched housing: TJC20041-nY/TJC20041-nYI
- 3.Packaging: Packing bag
- 4.Compliant to the current RoHS

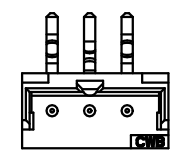
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7	TJC20041-7AWJK	TJC20027-7AWJ	15.9	12.0	15.0
5	TJC2041-5AWJK	TJC20027-5AWJ	11.9	8.0	11.0
Ckts(n)	Part No.	Previous part No.	A	B	C
			Dimensions		

CUSTOMER DRAWING						Title: 2.0mm Pitch W/B Conn. for header	
Drawn	Pei Yang 2022.03.10	Unit	Scale	Size	Edition	Part No.: TJC20041-nAWJK(**-*)	
Checked	Guoying Wang 2022.03.10	mm	2.5:1	A4	B2	Previous part No.: TJC20027-nAWJ	
Approved	Dongxu Liu 2022.3.10	Sheet No.		1 Of 1	Document No.: CP-DWG-01268		Specification No.: PS4120
<b>CWB</b>							

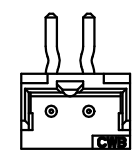
General Tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13					
	3~18	±0.23					
	18~50	±0.35					
≥50	±0.55						



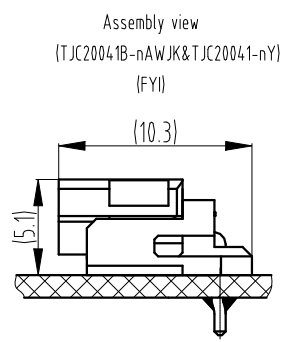
TJC20041B-4AWJK



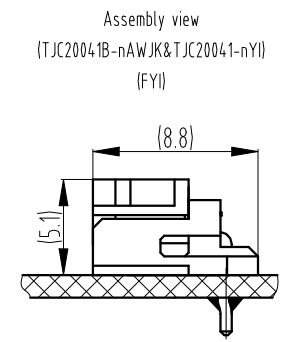
TJC20041B-3AWJK



TJC20041B-2AWJK



Assembly view  
(TJC20041B-nAWJK&TJC20041-nY)  
(FYI)



Assembly view  
(TJC20041B-nAWJK&TJC20041-nY)  
(FYI)

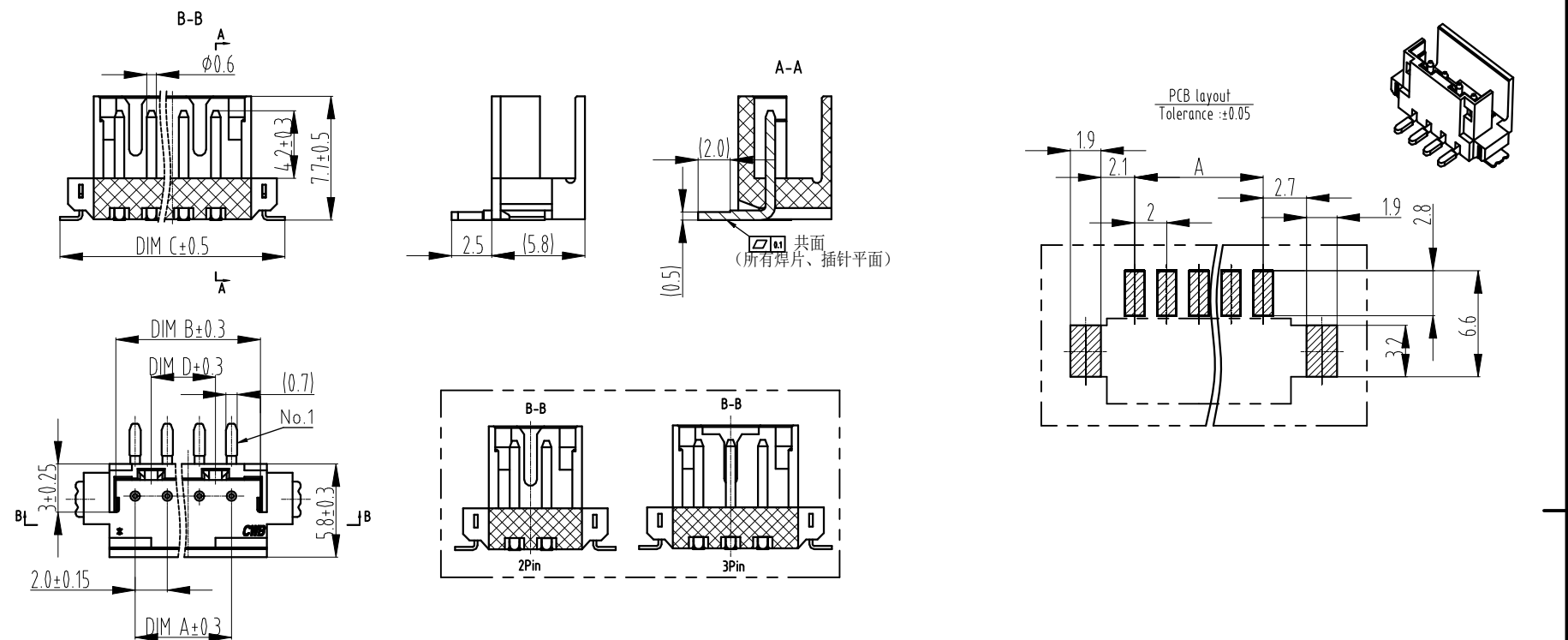
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14	TJC20041B-14AWJK	TJC20035-14AW	26	29.8	29
13	TJC20041B-13AWJK	TJC20035-13AW	24	27.8	27
12	TJC20041B-12AWJK	TJC20035-12AW	22	25.8	25
11	TJC20041B-11AWJK	TJC20035-11AW	20	23.8	23
10	TJC20041B-10AWJK	TJC20035-10AW	18	21.8	21
9	TJC20041B-9AWJK	TJC20035-9AW	16	19.8	19
8	TJC20041B-8AWJK	TJC20035-8AW	14	17.8	17
7	TJC20041B-7AWJK	TJC20035-7AW	12	15.8	15
6	TJC20041B-6AWJK	TJC20035-6AW	10	13.8	13
5	TJC20041B-5AWJK	TJC20035-5AW	8	11.8	11
4	TJC20041B-4AWJK	TJC20035-4AW	6	9.8	9
3	TJC20041B-3AWJK	TJC20035-3AW	4	7.8	7
2	TJC20041B-2AWJK	TJC20035-2AW	2	5.8	5
Ckts (n)	Part No.	Previous Part No.	DIM A DIM B DIM C Dimensions		

Notes:

- Material:  
Wafer: PA66 UL94V-0  
Post: brass, tin plated
- Matched housing: TJC20041-nY/TJC20041-nYI
- Packaging: Packing bag
- Compliant to the current RoHS

CUSTOMER DRAWING						Title: 2.0mm Pitch W/B Conn. for Header		
Drawn	Pei Yang 2022.03.11	Unit	Scale	Size	Edition	Part No.: TJC20041B-nAWJK(*-**)		
Checked	Guoying Wang 2022.03.11	mm	2.5:1	A4	B1	Previous part No.: TJC20035-nAW		
		Sheet No.		1 Of 1		Document No.: CP-DWG-01264		
Approved	Dongxu Liu 2022.03.11	<b>CWB</b>				Specification No.: PS4120		

General Tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13					
	3~18	±0.23					
	18~50	±0.35					
	≥50	±0.55					



- Notes:
- Material:  
Wafer: PA4T+GF UL94V-0  
Post: brass, tin plated
  - Matched housing: TJC20041-nY/TJC20041-nYI
  - Packaging: Packing bag
  - Compliant to the current RoHS

15	TJC20041-15AB	TJC20045-15AW	28	31	36	26
14	TJC20041-14AB	TJC20045-14AW	26	29	34	24
13	TJC20041-13AB	TJC20045-13AW	24	27	32	22
12	TJC20041-12AB	TJC20045-12AW	22	25	30	20
11	TJC20041-11AB	TJC20045-11AW	20	23	28	18
10	TJC20041-10AB	TJC20045-10AW	18	21	26	16
9	TJC20041-9AB	TJC20045-9AW	16	19	24	14
8	TJC20041-8AB	TJC20045-8AW	14	17	22	12
7	TJC20041-7AB	TJC20045-7AW	12	15	20	10
6	TJC20041-6AB	TJC20045-6AW	10	13	18	8
5	TJC20041-5AB	TJC20045-5AW	8	11	16	6
4	TJC20041-4AB	TJC20045-4AW	6	9	14	4
3	TJC20041-3AB	TJC20045-3AW	4	7	12	2
2	TJC20041-2AB	TJC20045-2AW	2	5	10	0
Ckts (n)	Part No.	Previous Part No.	DIM A	DIM B	DIM C	DIM D
			Dimensions			

CUSTOMER DRAWING						Title: 2.0mm Pitch W/B Conn. for header	
Drawn	Pei Yang 2022.03.11	Unit	Scale	Size	Edition	Part No.: TJC20041-nAB(**-*)	
Checked	Guoying Wang 2022.03.11	mm	2.5:1	A4	B1	Previous part No.: TJC20045-nAW	
Approved	Dongxu Liu 2022.03.11	Sheet No.	1 Of 1			Document No.: CP-DWG-01265	
						Specification No.: PS4120	



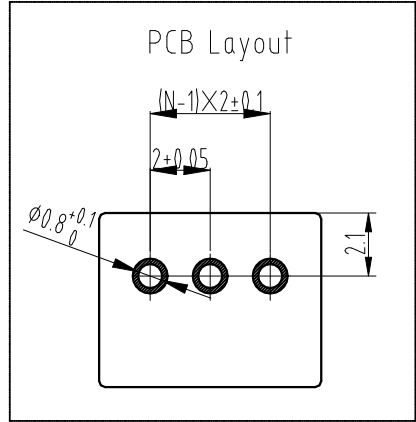
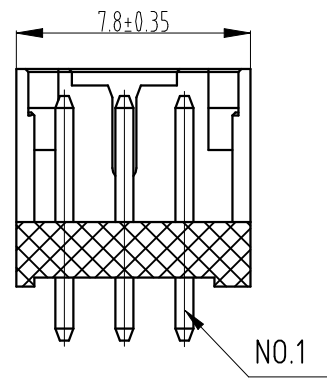
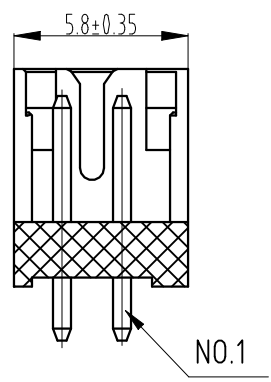
General Tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13					
	3~18	±0.23					
	18~50	±0.35					
	≥50	±0.55					

TJC20041-2AC

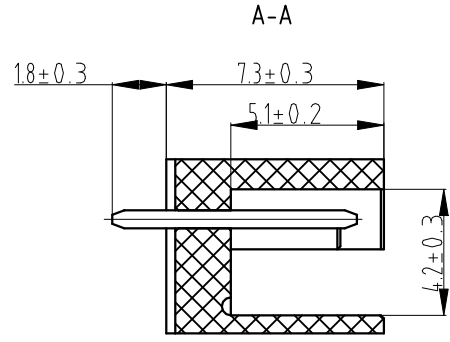
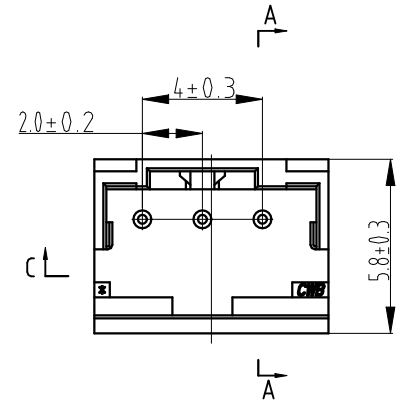
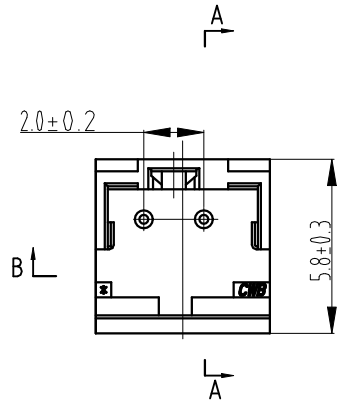
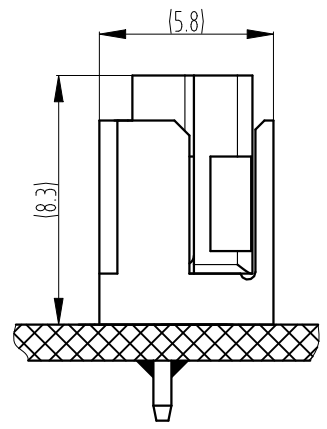
TJC20041-3AC

B-B

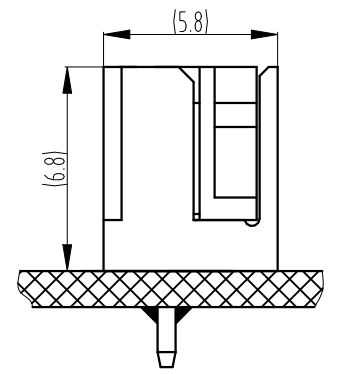
C-C



Assembly view  
(TJC20041-nAC&TJC20041-nY)  
(FYI)



Assembly view  
(TJC20041-nAC&TJC20041-nYI)  
(FYI)

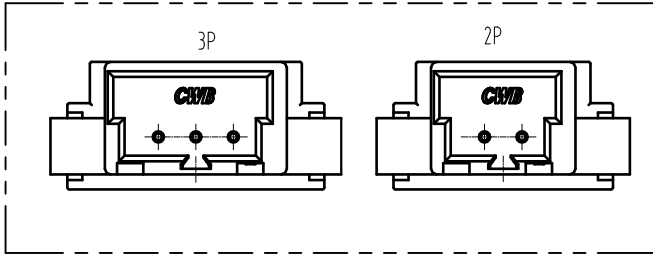
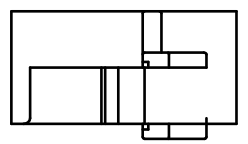
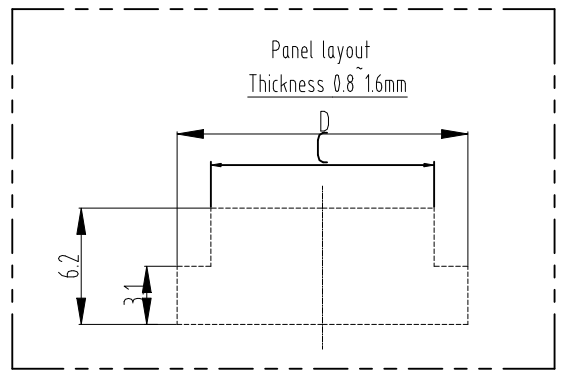
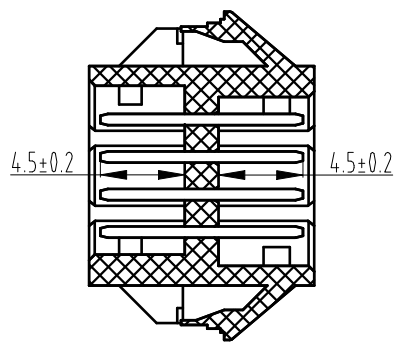
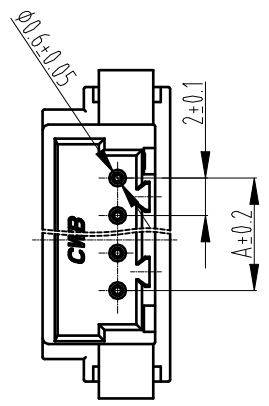
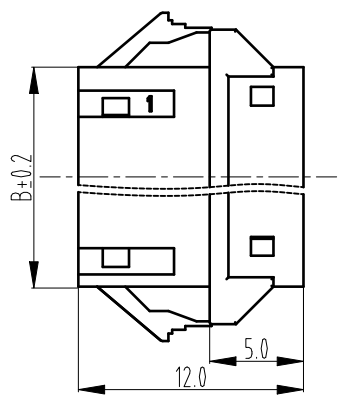


Notes:

- Material:  
Wafer: PA4T+GF UL94V-0  
Post: brass, tin plated
- Matched housing: TJC20041-nY/TJC20041-nYI
- Packaging: Packing bag
- Compliant to the current RoHS

CUSTOMER DRAWING						Title:	
Drawn	Pei Yang 2022.03.10	Unit	Scale	Size	Edition	2.0mm Pitch W/B Conn. for header	
Checked	Guoying Wang 2022.03.10	mm	4:1	A4	B1	Part No.: TJC20041-nAC(**-*)	
Approved	Dongxu Liu 2022.3.10	Sheet No.		1 Of 1	Previous part No.: TJC20052-nA		
<b>CWB</b>						Document No.: CP-DWG-01488	
						Specification No.: PS4120	

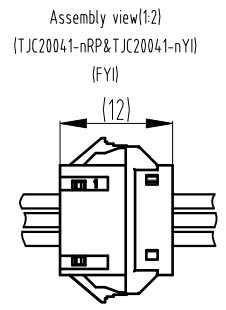
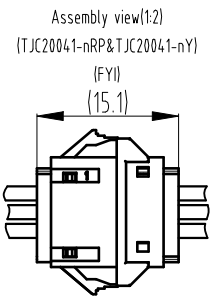
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	3~18	±0.23	△	/	To update drawing	Pei Yang	2022.03.11
	18~50	±0.35					
	≥50	±0.55					



8	TJC20041-8RP	TJC20047-8A	14.0	19.7	19.9	23.5
7	TJC20041-7RP	TJC20047-7A	12.0	17.7	17.9	21.5
6	TJC20041-6RP	TJC20047-6A	10.0	15.7	15.9	19.5
5	TJC20041-5RP	TJC20047-5A	8.0	13.7	13.9	17.5
4	TJC20041-4RP	TJC20047-4A	6.0	11.7	11.9	15.5
3	TJC20041-3RP	TJC20047-3A	4.0	9.7	9.9	13.5
2	TJC20041-2RP	TJC20047-2A	2.0	7.7	7.9	11.5
Ckts(n)	Part No.	Previous part No	A	B	C	D
			Dimensions			

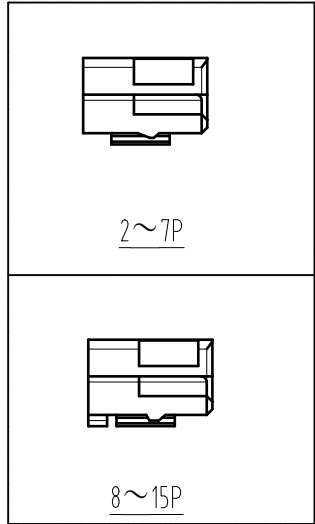
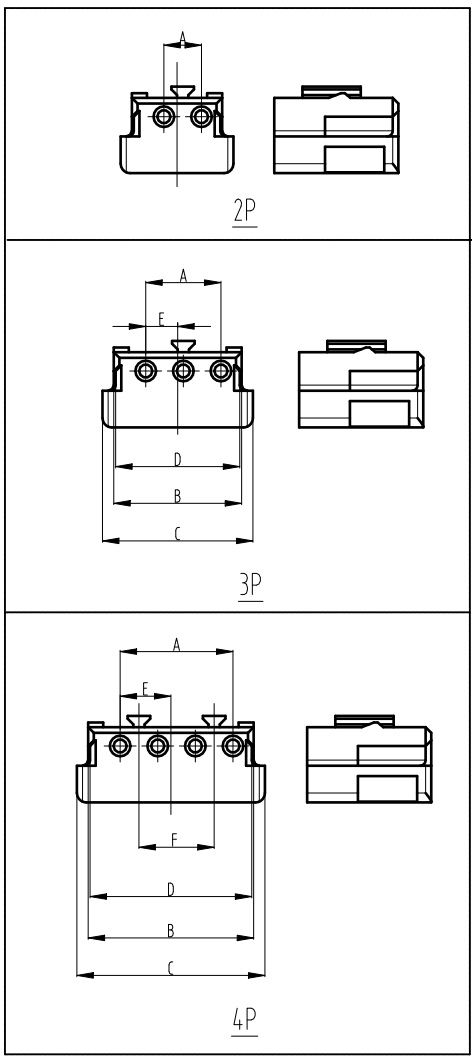
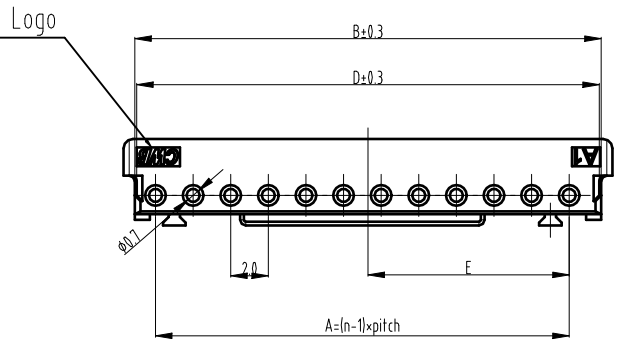
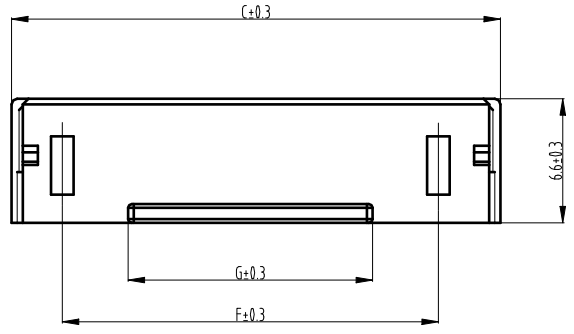
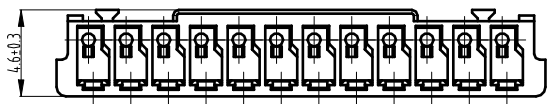
Notes:

- Material:  
Wafer: PA66 UL94V-0  
Post: brass, tin plated
- Matched housing: TJC20041-nY/TJC20041-nYI
- Packaging: Packing bag
- Compliant to the current RoHS



CUSTOMER DRAWING						Title: 2.0mm Pitch W/W Conn. for relay	
Drawn	Pei Yang 2022.03.11	Unit	Scale	Size	Edition	Part No.: TJC20041-nRP(**-*)	
Checked	Guoying Wang 2022.03.11	mm	2.5:1	A4	B2	Previous part No.: TJC20047-nA	
Approved	Dongxu Liu 2022.03.11	Sheet No.	1 Of 1		Document No.: CP-DWG-00775		Specification No.: PS4120
<b>CWB</b>							

General tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13					
	3~18	±0.23					
	18~50	±0.35					
	≥50	±0.55					



Notes:

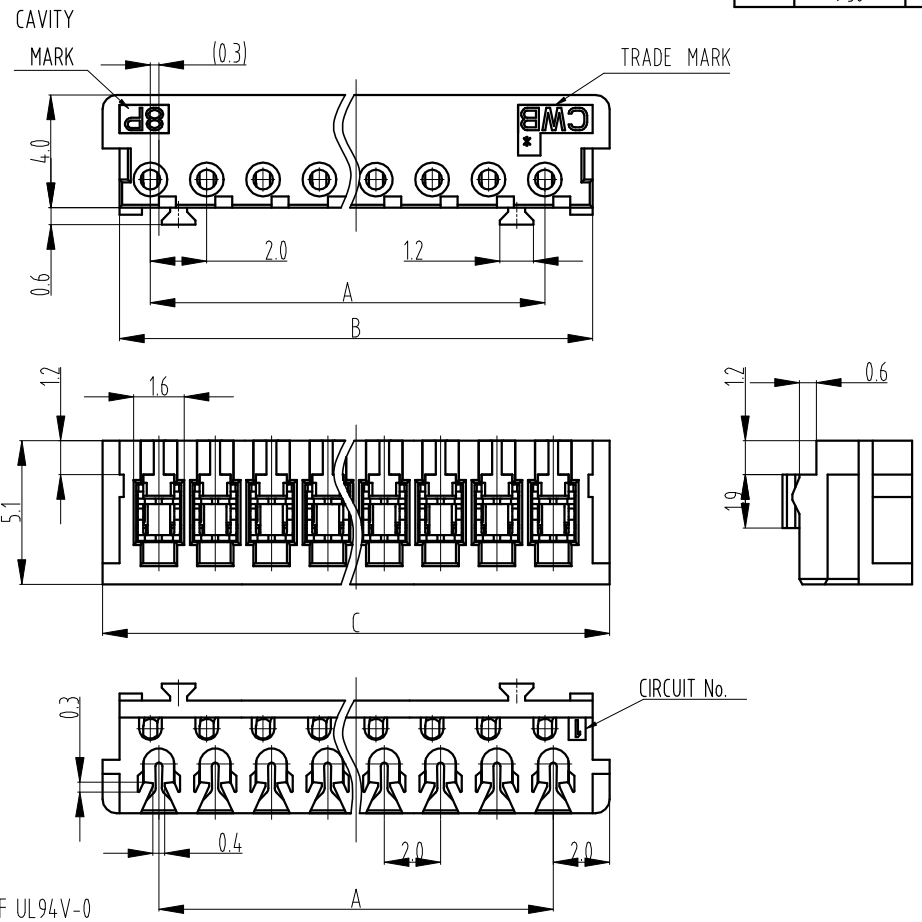
- Material: PA66 UL94 V-0
- Matched header: TJC20041-nA/TJC20041-nAK/TJC20041-nAWJK/  
TJC20041B-nAWJK/TJC20041-nAB/TJC20041-nAC
- Matched relay: TJC20041-nRP
- Matched contact: CH-TJC20041
- Packaging: Packing bag
- Compliant to the current RoHS

15	TJC20041-15Y	TJC20080-15Y	28.00	30.80	32.00	30.60	13.70	26.00
14	TJC20041-14Y	TJC20080-14Y	26.00	28.80	30.00	28.60	12.70	24.00
13	TJC20041-13Y	TJC20080-13Y	24.00	26.80	28.00	26.60	11.70	22.00
12	TJC20041-12Y	TJC20080-12Y	22.00	24.80	26.00	24.60	10.70	20.00
11	TJC20041-11Y	TJC20080-11Y	20.00	22.80	24.00	22.60	9.70	18.00
10	TJC20041-10Y	TJC20080-10Y	18.00	20.80	22.00	20.60	8.70	16.00
9	TJC20041-9Y	TJC20080-9Y	16.00	18.80	20.00	18.60	7.70	14.00
8	TJC20041-8Y	TJC20080-8Y	14.00	16.80	18.00	16.60	6.70	12.00
7	TJC20041-7Y	TJC20080-7Y	12.00	14.80	16.00	14.60	5.70	10.00
6	TJC20041-6Y	TJC20080-6Y	10.00	12.80	14.00	12.60	4.70	8.00
5	TJC20041-5Y	TJC20080-5Y	8.00	10.80	12.00	10.60	3.70	6.00
4	TJC20041-4Y	TJC20080-4Y	6.00	8.80	10.00	8.60	2.70	4.00
3	TJC20041-3Y	TJC20080-3Y	4.00	6.80	8.00	6.60	1.70	
2	TJC20041-2Y	TJC20080-2Y	2.00	4.80	6.00	4.60	0.70	
(kts (n)	Part No.	Previous part No.	Dimensions					
			A	B	C	D	E	F

**CUSTOMER DRAWING**

Drawn	Pei Yang 2022.3.10	Unit	Scale	Size	Edition	Title: 2.0mm pitch W/B Conn. for housing	
Checked	Guoying Wang 2022.3.10	mm	2.5:1	A4	A1	Part No.: TJC20041-nY (**-*)	
Approved	Dongxu Liu 2022.3.10	Sheet No.	1 Of 1			Previous part No.: TJC20080-nY	
<b>CWB</b>						Document No.: CP-DWG-01266	
						Specification No.: PS4120	

General Tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13	△		Drawing upgrade	Yunfeng Hu	2018.06.01
	3~18	±0.23	△		To update the content	Huan.Lu	2020.12.15
	18~50	±0.35	△		To update drawing	Pei Yang	2022.03.11
≥50	±0.55	△					



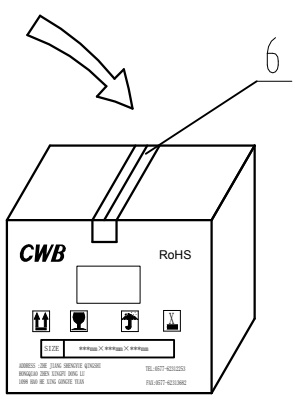
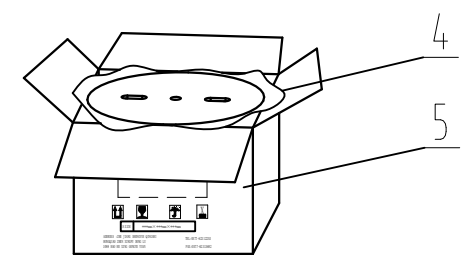
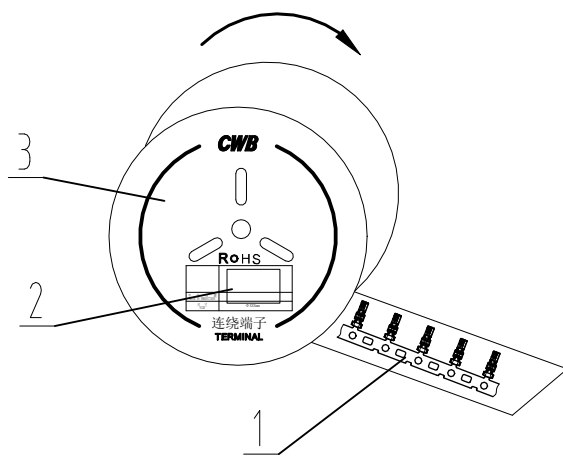
Notes:

- Material:
  - Housing: PBT+GF UL94V-0
  - Contact: Phosphor bronze, Tin Plated
- Matched header: TJC20041-nA/TJC20041-nAK/TJC20041-nAWJK/TJC20041B-nAWJK/TJC20041-nAB/TJC20041-nAC
- Matched relay: TJC20041-nRP
- Wire size: AWG#26~AWG#28 (0.14-0.08mm<sup>2</sup>)  
Insulation dia: AWG#26~AWG#28 (1.0-0.83mm)
- Packaging: Packing bag
- Compliant to the current RoHS

15	TJC20041-15YI	TJC20041-15Y	28	30.8	32
14	TJC20041-14YI	TJC20041-14Y	26	28.8	30
13	TJC20041-13YI	TJC20041-13Y	24	26.8	28
12	TJC20041-12YI	TJC20041-12Y	22	24.8	26
11	TJC20041-11YI	TJC20041-11Y	20	22.8	24
10	TJC20041-10YI	TJC20041-10Y	18	20.8	22
9	TJC20041-9YI	TJC20041-9Y	16	18.8	20
8	TJC20041-8YI	TJC20041-8Y	14	16.8	18
7	TJC20041-7YI	TJC20041-7Y	12	14.8	16
6	TJC20041-6YI	TJC20041-6Y	10	12.8	14
5	TJC20041-5YI	TJC20041-5Y	8	10.8	12
4	TJC20041-4YI	TJC20041-4Y	6	8.8	10
3	TJC20041-3YI	TJC20041-3Y	4	6.8	8
2	TJC20041-2YI	TJC20041-2Y	2	4.8	6
Ckts(n)	Part No.	Previous Part No.	Dimensions		
			A	B	C

CUSTOMER DRAWING						Title: 2.0mm Pitch W/B Conn. for receptacle	
Drawn	Pei Yang 2022.03.11	Unit	Scale	Size	Edition	Part No.: TJC20041-nYI(**-*)	
Checked	Guoying Wang 2022.03.11	mm	4:1	A4	B3	Previous part No.: TJC20041-nY	
		Sheet No.		1 of 1		Document No.: CP-DWG-00469	
Approved	Dongxu Liu 2022.03.11	<b>CWB</b>				Specification No.: PS4120	

General tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13					
	3~18	±0.23					
	18~50	±0.35					
	≥50	±0.55					



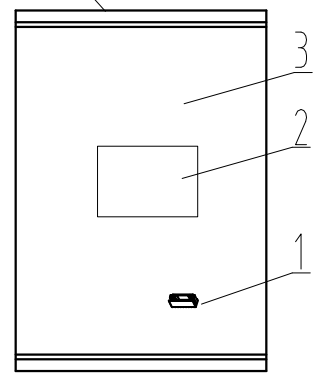
6	Gummed tape	
5	Packing box	112000PCS/box
4	Packing bag	112000PCS/bag
3	Packing Reel	8000PCS/disc
2	Certificate	
1	CH-TJC20041 Contact	
Number	Designation	Remarks

CUSTOMER DRAWING						Title: Packaging specification	
Drawn	Pei Yang 2022.03.11	Unit	Scale	Size	Edition	Part No.: CH-TJC20041-**	
Checked	Guoying Wang 2022.03.11	mm	/	A4	B1	Previous part No.: CH-TJC20080	
		Sheet No.			1 Of 1		Document No.: BZ-DWG-00707
Approved	Dongxu Liu 2022.03.11	<b>CWB</b>				Specification No.: PS4.120	

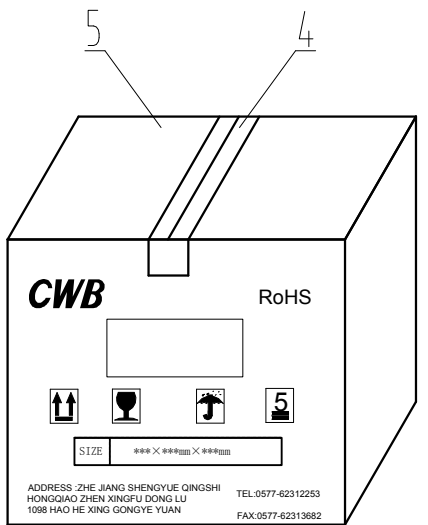
General tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13					
	3~18	±0.23					
	18~50	±0.35					
	≥50	±0.55					

Packing bag

Sealed



Packing box



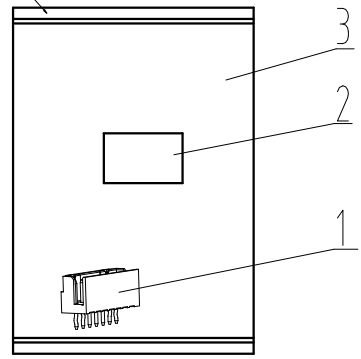
5	packing box	TJC20041-8A	TJC20027-8A	1000	
4	Gummed tape	TJC20041-7A	TJC20027-7A	1000	
3	Packing bag	TJC20041-5A	TJC20027-5A	1000	
2	Certification	TJC20041-4A	TJC20027-4A	1000	
1	TJC20041-nA\nAWJK	TJC20041-3A	TJC20027-3A	1000	
		TJC20041-2A	TJC20027-2A	1000	
Number	Designation	Part No.	Previous part No.	Pcs/ bag	Remarks

CUSTOMER DRAWING						Title: Packaging specification	
Drawn	Pei Yang 2022.03.11	Unit	Scale	Size	Edition	Part No.: TJC20041-nA\nAWJK(**-*)	
Checked	Guoying Wang 2022.03.11	mm	/	A4	B1	Previous part No.: TJC20027-nA\nAWJ	
Approved	Dongxu Liu 2022.03.11	Sheet No.		1 Of 1		Document No.:	BZ-DWG-00704
<b>CWB</b>						Specification No.:	PS4120

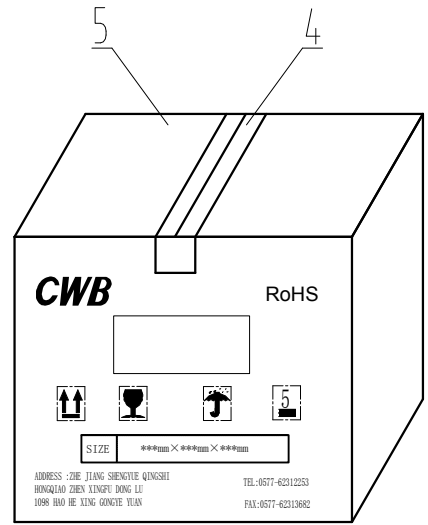
General tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13					
	3~18	±0.23					
	18~50	±0.35					
	≥50	±0.55					

Packing bag

Sealed



Packing box

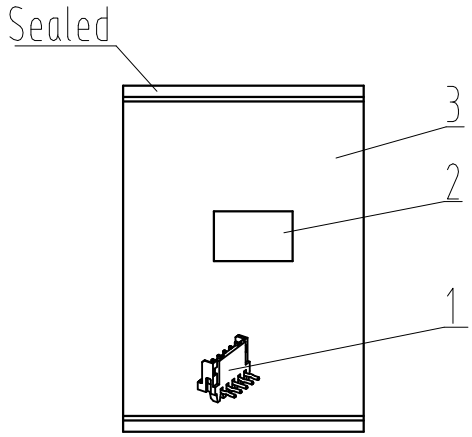


TJC20041-15AK	TJC20027-15A-1	1000			
TJC20041-14AK	TJC20027-14A-1	1000			
TJC20041-13AK	TJC20027-13A-1	1000			
TJC20041-12AK	TJC20027-12A-1	1000			
TJC20041-11AK	TJC20027-11A-1	1000			
TJC20041-10AK	TJC20027-10A-1	1000			
TJC20041-9AK	TJC20027-9A-1	1000			
TJC20041-8AK	TJC20027-8A-1	1000			
TJC20041-7AK	TJC20027-7A-1	1000			
TJC20041-6AK	TJC20027-6A-1	1000			
TJC20041-5AK	TJC20027-5A-1	1000			
TJC20041-4AK	TJC20027-4A-1	1000			
TJC20041-3AK	TJC20027-3A-1	1000			
TJC20041-2AK	TJC20027-2A-1	1000			
5	packing box				
4	Gummed tape				
3	Packing bag				
2	Certification				
1	TJC20041-nAK				
Number	Designation	Part No.	Previous part No.	Pcs/ bag	Remarks

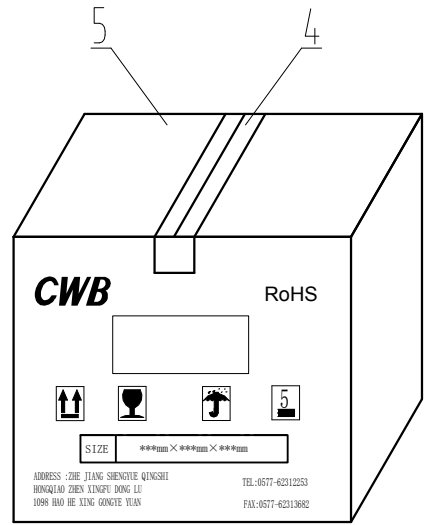
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Drawn	Pei Yang 2022.03.11	Unit	Scale	Size	Edition	Part No.: TJC20041-nAK(*-**)	
Checked	Guoying Wang 2022.03.11	mm	/	A4	B1	Previous part No.: TJC20027-nA-1	
Approved	Dongxu Liu 2022.03.11	Sheet No.		1 Of 1		Document No.:	BZ-DWG-00702
<b>CWB</b>						Specification No.:	PS4120

General tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
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	3~18	±0.23					
	18~50	±0.35					
	≥50	±0.55					

Packing bag



Packing box



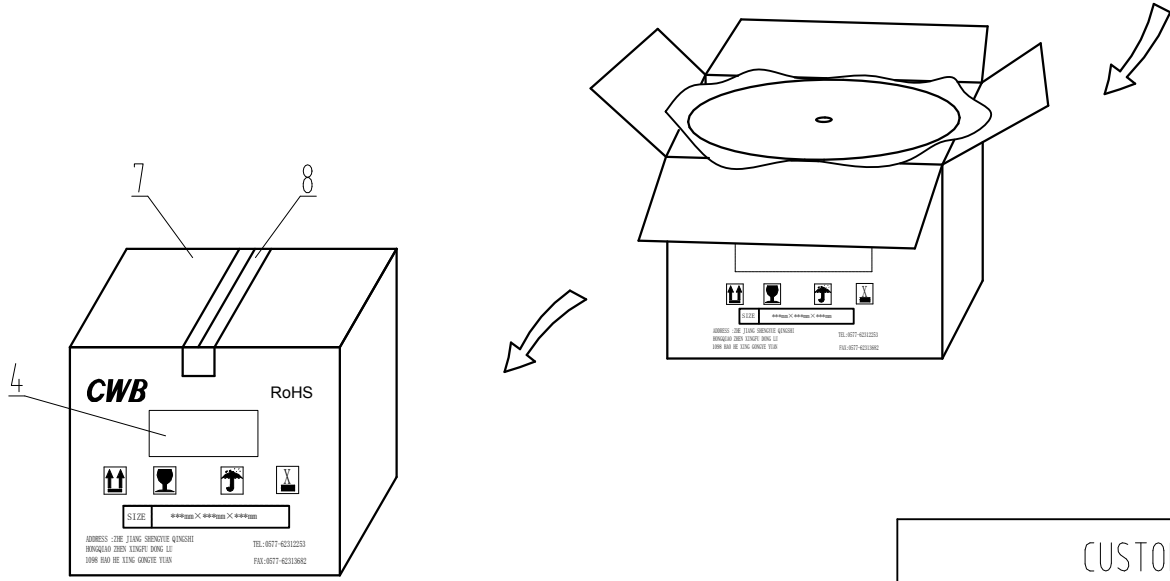
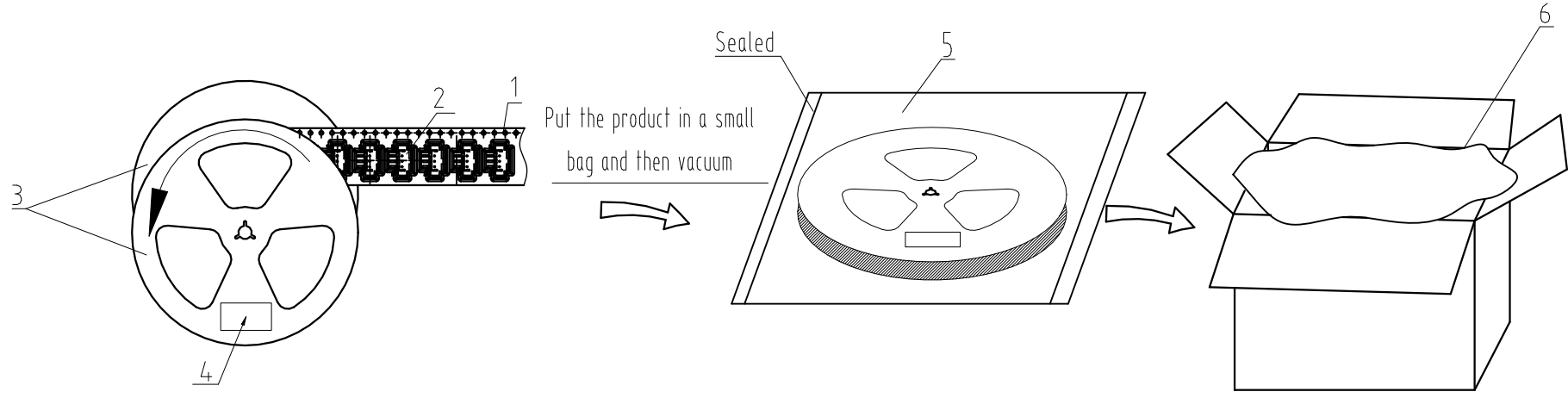
TJC20041B-15AWJK	TJC20035-15AW	1000	
TJC20041B-14AWJK	TJC20035-14AW	1000	
TJC20041B-13AWJK	TJC20035-13AW	1000	
TJC20041B-12AWJK	TJC20035-12AW	1000	
TJC20041B-11AWJK	TJC20035-11AW	1000	
TJC20041B-10AWJK	TJC20035-10AW	1000	
TJC20041B-9AWJK	TJC20035-9AW	1000	
TJC20041B-8AWJK	TJC20035-8AW	1000	
TJC20041B-7AWJK	TJC20035-7AW	1000	
TJC20041B-6AWJK	TJC20035-6AW	1000	
TJC20041B-5AWJK	TJC20035-5AW	1000	
TJC20041B-4AWJK	TJC20035-4AW	1000	
TJC20041B-3AWJK	TJC20035-3AW	1000	
TJC20041B-2AWJK	TJC20035-2AW	1000	

5	packing box
4	Gummed tape
3	Packing bag
2	Certification
1	TJC20041B-nAWJK
Number	Designation

CUSTOMER DRAWING						Title: Packaging specification	
Drawn	Pei Yang 2022.03.11	Unit	Scale	Size	Edition	Part No.: TJC20041B-nAWJK(**-*)	
Checked	Guoying Wang 2022.03.11	mm	/	A4	B1	Previous part No.: TJC20035-nAW	
		Sheet No.			1 Of 1		Document No.: BZ-DWG-00704
Approved	Dongxu Liu 2022.03.11	<b>CWB</b>				Specification No.: PS4120	



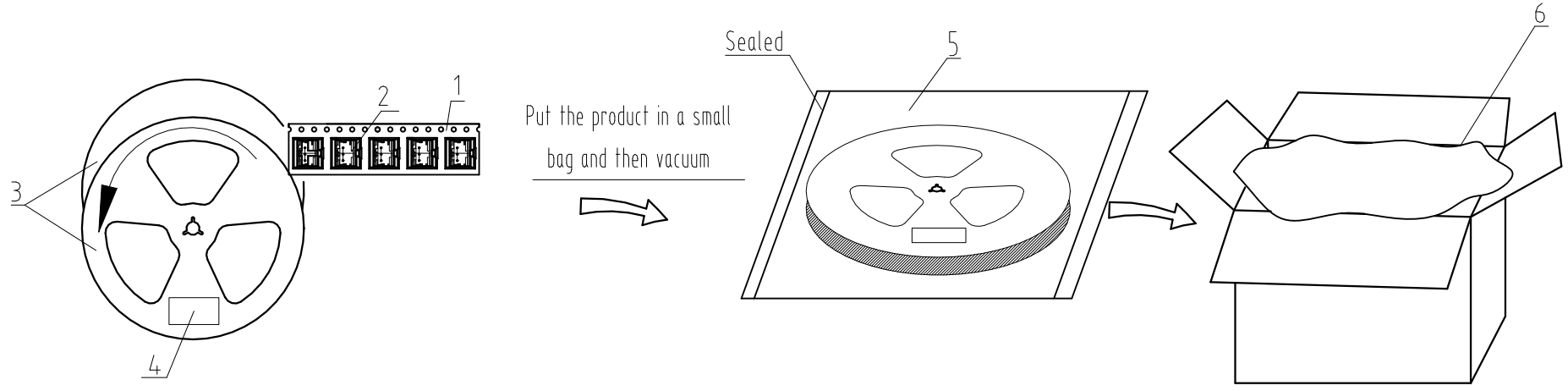
General tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13					
	3~18	±0.23					
	18~50	±0.35					
	≥50	±0.55					



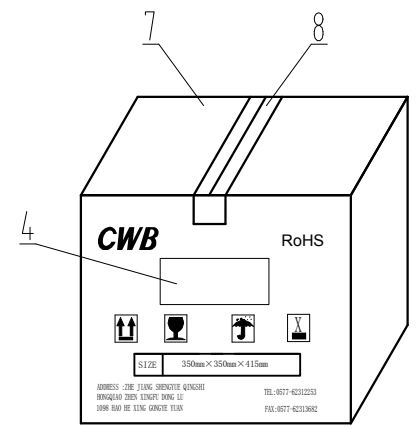
8	Gummed tape	
7	Packing box	350mm×350mm×45mm
6	Packing bag	
5	Packing bag(small)	Vacuum
4	Certificate	
3	Plastic disc	φ328
2	TJC20041-nAB	900pcs/reel
1	Carrier tape	
Number	Designation	Remarks

CUSTOMER DRAWING						Title: Packaging specification	
Drawn	Pei Yang 2022.03.11	Unit	Scale	Size	Edition	Part No.: TJC20041-nAB(**.*)	
Checked	Guoying Wang 2022.03.11	mm	/	A4	B1	Previous part No.: TJC20045-nAB	
		Sheet No.		1 Of 1		Document No.: BZ-DWG-00705	
Approved	Dongxu Liu 2022.03.11	<b>CWB</b>				Specification No.: PS4120	

General tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13					
	3~18	±0.23					
	18~50	±0.35					
	≥50	±0.55					



Put the product in a small bag and then vacuum



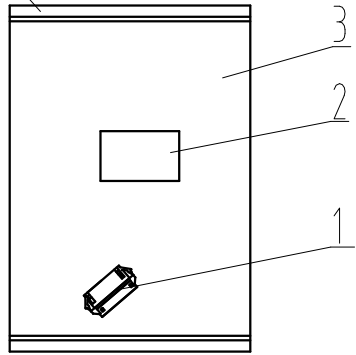
8	Gummed tape	
7	Packing box	425mm×425mm×300mm
6	Packing bag	
5	Packing bag(small)	Vacuum
4	Certificate	
3	Plastic disc	φ380
2	TJC20041-nAC	700pcs/reel
1	Carrier tape	
Number	Designation	Remarks

CUSTOMER DRAWING						Title: Packaging specification	
Drawn	Pei Yang 2022.03.11	Unit	Scale	Size	Edition	Part No.: TJC20041-nAC(**-*)	
Checked	Guoying Wang 2022.03.11	mm	/	A4	B0	Previous part No.: TJC20052-nA	
Approved	Dongxu Liu 2022.03.11	Sheet No.		1 Of 1	Document No.: BZ-DWG-00808		
<b>CWB</b>						Specification No.: PS4120	

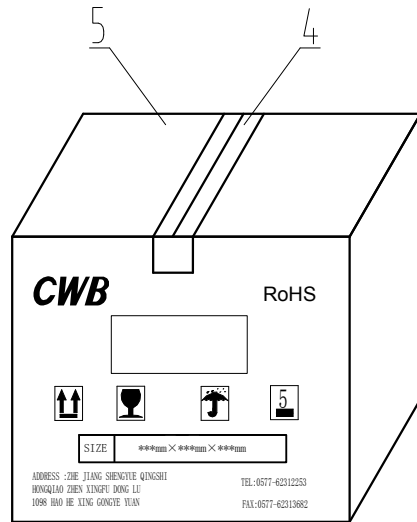
General tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13					
	3~18	±0.23					
	18~50	±0.35					
≥50	±0.55						

Packing bag

Sealed



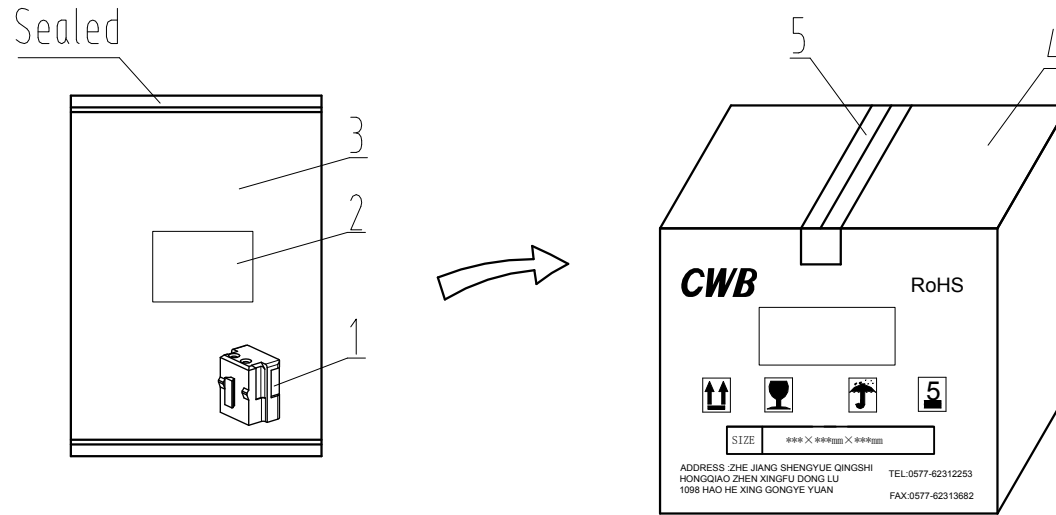
Packing box



5	Packing box	TJC20041-8RP	TJC20047-8A	1000	
4	Gummed tape	TJC20041-7RP	TJC20047-7A	1000	
3	Packing bag	TJC20041-6RP	TJC20047-6A	1000	
2	Certificate	TJC20041-5RP	TJC20047-5A	1000	
1	TJC20041-nRP	TJC20041-4RP	TJC20047-4A	1000	
		TJC20041-3RP	TJC20047-3A	1000	
Number	Designation	Part No.	Previous part No.	Pcs/bag	Remarks

CUSTOMER DRAWING						Title: Packaging specification	
Drawn	Pei Yang 2022.03.11	Unit	Scale	Size	Edition	Part No.: TJC20041-nRP(*x-*x)	
Checked	Guoying Wang 2022.03.11	mm	/	A4	B3	Previous part No.: TJC20047-nA	
		Sheet No.		1 Of 1		Document No.: BZ-DWG-00447	
Approved	Dongxu Liu 2022.03.11	<b>CWB</b>				Specification No.: PS4120	

General tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13					
	3~18	±0.23					
	18~50	±0.35					
	≥50	±0.55					



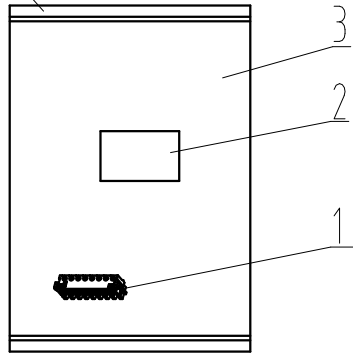
5	Gummed tape	TJC20041-15Y	TJC20080-15Y	1000	
4	Packing box	TJC20041-14Y	TJC20080-14Y	1000	
3	Packing bag	TJC20041-13Y	TJC20080-13Y	1000	
2	Certificate	TJC20041-12Y	TJC20080-12Y	1000	
1	TJC20041-nY	TJC20041-11Y	TJC20080-11Y	1000	
		TJC20041-10Y	TJC20080-10Y	1000	
		TJC20041-8Y	TJC20080-8Y	1000	
		TJC20041-7Y	TJC20080-7Y	1000	
		TJC20041-6Y	TJC20080-6Y	1000	
		TJC20041-5Y	TJC20080-5Y	1000	
		TJC20041-4Y	TJC20080-4Y	1000	
		TJC20041-3Y	TJC20080-3Y	1000	
		TJC20041-2Y	TJC20080-2Y	1000	
Number	Designation	Part No.	Previous part No.	Pcs/bag	Remarks

CUSTOMER DRAWING						Title: Packaging specification	
Drawn	Pei Yang 2022.03.11	Unit	Scale	Size	Edition	Part No.: TJC20041-nY(**-*)	
Checked	Guoying Wang 2022.03.11	mm	/	A4	B1	Previous part No.: TJC20080-nY	
		Sheet No.		1 Of 1		Document No.: BZ-DWG-00706	
Approved	Dongxu Liu 2022.03.11	<b>CWB</b>				Specification No.: PS4120	

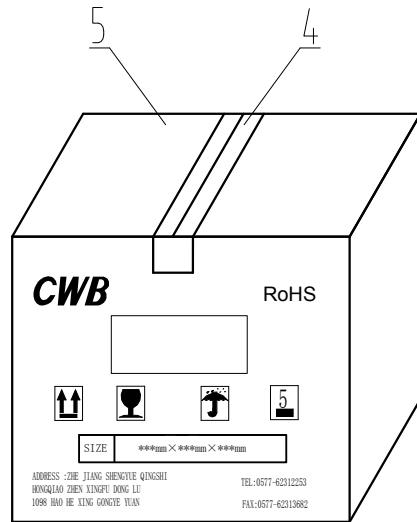
General tolerance	Dimension	Tolerance	Rev. No	Location	Description	Reviser	Date
	0~3	±0.13					
	3~18	±0.23					
	18~50	±0.35					
≥50	±0.55						

Packing bag

Sealed



Packing box



TJC20041-15YI	TJC20041-15Y	1000			
TJC20041-14YI	TJC20041-14Y	1000			
TJC20041-13YI	TJC20041-13Y	1000			
TJC20041-12YI	TJC20041-12Y	1000			
TJC20041-11YI	TJC20041-11Y	1000			
TJC20041-10YI	TJC20041-10Y	1000			
TJC20041-9YI	TJC20041-9Y	1000			
TJC20041-8YI	TJC20041-8Y	1000			
TJC20041-7YI	TJC20041-7Y	1000			
TJC20041-6YI	TJC20041-6Y	1000			
TJC20041-5YI	TJC20041-5Y	1000			
TJC20041-4YI	TJC20041-4Y	1000			
TJC20041-3YI	TJC20041-3Y	1000			
TJC20041-2YI	TJC20041-2Y	1000			
Number	Designation	Part No.	Previous part No.	Pcs/bag	Remarks

5	Packing box	TJC20041-7YI	TJC20041-7Y	1000	
4	Gummed tape	TJC20041-6YI	TJC20041-6Y	1000	
3	Packing bag	TJC20041-5YI	TJC20041-5Y	1000	
2	Certificate	TJC20041-4YI	TJC20041-4Y	1000	
1	TJC20041-nYI	TJC20041-3YI	TJC20041-3Y	1000	

CUSTOMER DRAWING						Title: Packaging specification	
Drawn	Pei Yang 2022.03.11	Unit	Scale	Size	Edition	Part No.: TJC20041-nYI(**-*)	
Checked	Guoying Wang 2022.03.11	mm	/	A4	B1	Previous part No.: TJC20041-nY	
Approved	Dongxu Liu 2022.03.11	Sheet No. 1 Of 1				Document No.:	BZ-DWG-00283
<b>CWB</b>						Specification No.:	PS4120

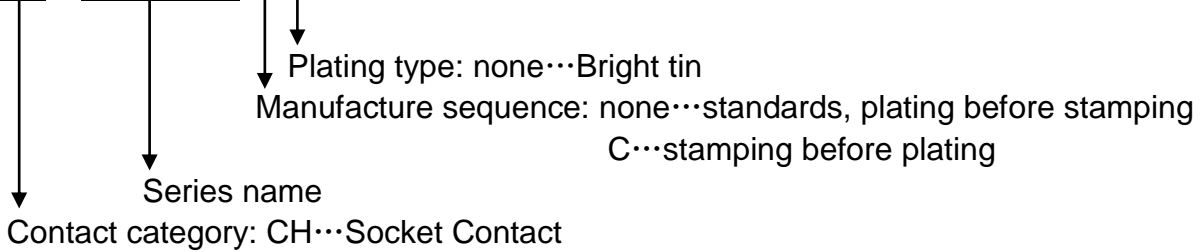
## TJC20041 系列命名规则

### TJC20041 series naming conventions

#### 1. Contact

CH-TJC20041

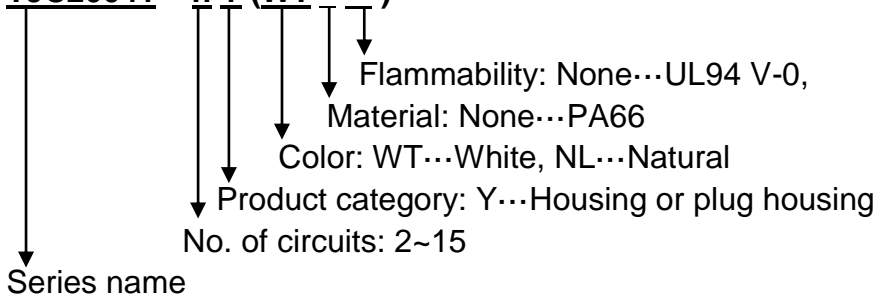
CH - TJC20041 - \* \*



#### 2. Housing

TJC20041-nY (\*\*-\*)

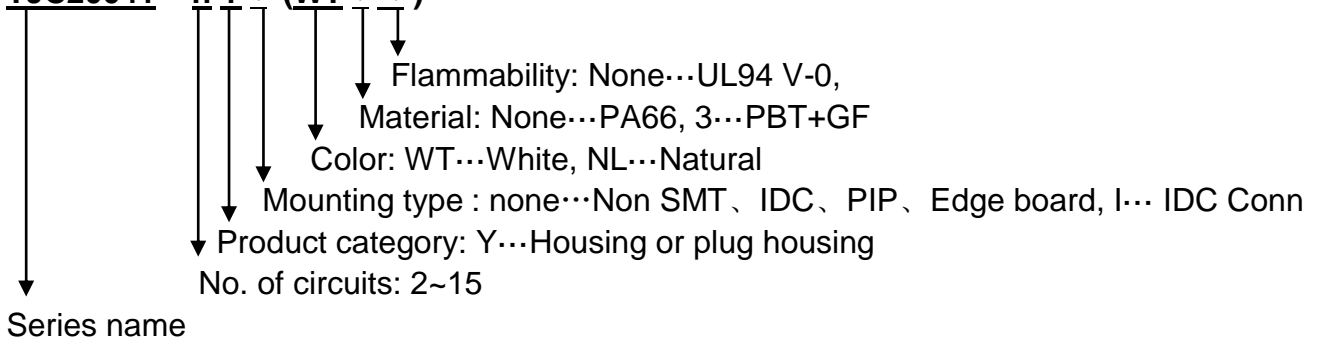
TJC20041 - n Y (WT \* -\*)



#### 3. Receptacle

TJC20041-nYI(\*\*-\*)

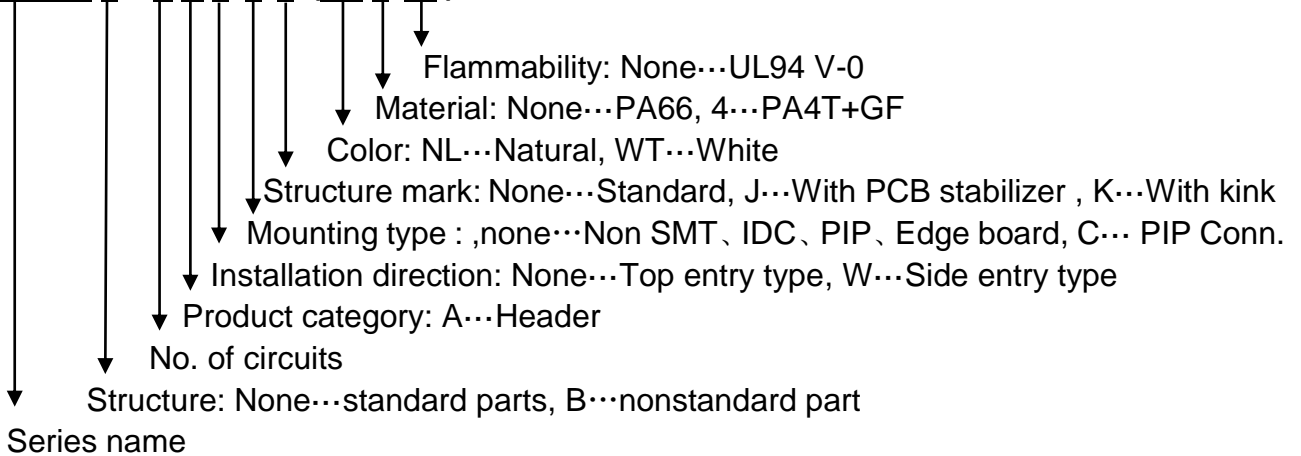
TJC20041 - n Y \* (WT \* -\*)



## 4. Header

TJC20041-nA(\*\*-\*), TJC20041-nAB(\*\*-\*), TJC20041-nAK(\*\*-\*), TJC20041-nAC(\*\*-\*),  
TJC20041-nAWJK(\*\*-\*), TJC20041B-nAWJK(\*\*-\*)

TJC20041 \* - n A \* \* \* (NL \* -\*)



## 5. Relay

TJC20041-nRP(\*\*-\*)

TJC20041 - n R P (NL \* -\*)

